SWALLOW.

A NEW ALMANACK

for the Year of our

LORD GOD

1685.

Being the first after the Bissextile or Leap-year, and from the Worlds Creation, 5688.

Calculated properly for the famous University and Town of *Cambridge*, where the Pole Artick is elevated 52 deg. 17 min. above the Horizon.

And may serve indifferently for any other place of this Kingdom.

Omnia falce metit tempus.

CAMBRIDGE,
Printed by *John Hayes*, Printer to the University, 1685.

BODLEIAN BIBLIOTHECA

The Common Notes and Moveable Feasts

for this year, 1685. in both Accounts.

Julian or *English.*		*viz.*	*Gregorian* or Forreign.	
	14	The Golden Number	14	
	14	The Cycle of the Sun	14	
	4	The Epact	24	
	D	The Dominical Letters	G	
March	1	Shrove-sunday	March	4
April	19	Easter-day	April	22
May	28	Ascension-day	May	31
June	7	Whit-sunday	June	10
June	14	Trinity-sunday	June	17
Novem.	29	Advent-sunday	Decemb.	2

The Anatomy of Man's body.

♈	*Aries* Head and Face	♎	*Libra* Reins and Loyns
♉	*Taurus* Neck & Throat	♏	*Scorpio* Secret members.
♊	*Gemini* Arms and Shoul.	♐	*Sagitarius* the Thighs
♋	*Cancer* Breast & Stom.	♑	*Capricornus* the Knees
♌	*Leo* Heart and Back	♒	*Aquarius* the Legs
♍	*Virgo* Bowels and Belly	♓	*Pisces* the Feet.

The

The Terms with their Returns.

Hilary Term begins January 23, and ends February 12, and hath 4 returns, viz.	Octab. Hilar. January	20
	Quind. Hilar. Jan.	27
	Craſt. Purif. February	3
	Octab. Purif. February	10
Eaſter Term begins May 6, and ends June 1, and hath 5 returns.	Quind. Paſch. May	4
	Tres Paſch. May	11
	Menſ. Paſch. May	18
	Quinq; Paſch. May	25
	Craſt. Aſcen. May	29
Trinity Term begins June 19, and ends July 8, and hath 4 returns.	Craſt Trin. June	15
	Octab. Trin. June	22
	Quind. Trin. June	29
	Tres Trin. July	6
Michael. Term begins October 23, and ends November 28, and hath 6 returns.	Tres Mich. Octob.	20
	Menſ. Mich. Octob.	27
	Craſt. Anim. November	3
	Craſt. Mart. November	12
	Octab. Mart. November	18
	Quind. Mart. November	25

Note that the Exchequer openeth 8 days before any Term begins, except the Term of Trinity, in which it openeth but 4 days before.

Note alſo that the bright Planet *Venus*, will be our glorious Morning Star from the beginning of the year till the 20 day of *June*, and then making her Conjunction with the Sun, She becomes Occidental, and ſo our glorious Evening Star to the end of the year.

January hath xxxi days.

First quarter the 2 day, 29 min. past 2 after noon.
Full moon the 10 day, 35 min. past 3 after noon.
Last quarter the 17 day, 6 min. past 7 at night.
New moon the 24 day, 39 min. past 3 after noon.

1	a	Circumcision	22	7	Aries	10	
2	b	Octab. Steph.	23	8		22	Fine tempe-
3	c	Octab. John	24	9	Taur.	4	rate calm
4	D	2 after Christ.	25	11		15	weather be-
5	e	Simeon	26	12		27	gins the year.
6	f	Epiphany	27	13	Gem.	9	
7	g	Julian	28	14		21	Cold rain or
8	a	Lucian	29	15	Canc.	4	snow may
9	b	Sun in Aquar.	0 ♒	16		16	now be ex-
10	c	Paul Herm.	1	18		29	pected, and
11	D	1 aft. Epiph.	2	19	Leo	12	very variable
12	e	Archade	3	20		25	weather.
13	f	Hilary Bish.	4	21	Virgo	9	
14	g	Felix	5	22		23	Cold and
15	a	Maurice B.	6	23	Libra	6	cloudy with
16	b	Marcellus	7	24		20	some frost.
17	c	Anthony	8	25	Scorp.	4	
18	D	2 aft. Epiph.	9	26		19	
19	e	Wolstan	10	27	Sagit.	3	
20	f	Octab. Hilar.	11	28		17	Dark close
21	g	Agnes	12	29	Capr.	1	weather, and
22	a	Vincent	13	30		15	generally
23	b	Term begins	14	30		29	mild consider-
24	c	Timothy	15	31	Aquar.	13	ing the sea-
25	D	Conv. S. Paul	16	32		27	son to the
26	e	Polycarpus	17	33	Pisces	10	end of the
27	f	Quind. Hilar.	18	34		23	month.
28	g	Valerius	19	35	Aries	5	
29	a	Theodote	20	35		18	
30	b	K. Char. I. M.	21	36	Taur.	0	
31	c	Saturnine	22	37		12	

February hath xxviii days.

First quarter the 1 day, 24 min. past 11 beforenoon.
Full moon the 9 day, 53 min. past 5 in the morning.
Last quarter the 16 day, at 2 in the morning.
New moon the 23 day, 20 min. past 6 in the morn.

Kal.	Let.	Festival days with terms.	☉ place d.	m.	Moons place.		Inclination of the Air.
1	d	4 after Epiph.	23	37	Taur.	23	
2	e	Purif. V. Mary	24	38	Gem.	5	Mild rain at the beginning.
3	f	Crast. Purif.	25	39		17	
4	g	Veronica	26	39		29	
5	a	Agatha	27	40	Canc.	11	
6	b	Dozothy	28	41		24	Fine pleasant weather considering the season.
7	c	Zachary	29	41	Leo.	7	
8	d	5 after Epiph.	0 ♓	42		21	
9	e	Octab. Purif.	1	42	Virgo	4	
10	f	Scholastica	2	42		18	
11	g	Eustratus	3	43	Libra	2	High winds and turbulent but warm.
12	a	Term ends	4	43		17	
13	b	Agabus	5	43	Scorp.	2	
14	c	Valentine	6	43		15	
15	d	Septuagesima	7	44		29	
16	e	Juliana V.	8	44	Sagit.	13	
17	f	Polycron	9	44		27	Gloomy weather with frost and snow or sleet about this time.
18	g	Concordia	10	44	Capr.	11	
19	a	Sabine	11	44		25	
20	b	Mildred	12	44	Aquar.	8	
21	c	70 Martyrs	13	44		22	
22	d	Sexagesima	14	44	Pisces	5	
23	e	Serenus fast	15	44		18	
24	f	S. Matthias	16	44	Aries	1	
25	g	Constance	17	44		13	
26	a	Nestor	18	44		26	
27	b	Augustine	19	44	Taur.	8	
28	c	Oswald	20	43		19	

First quarter the 3 day, 5 min. past 8 in the morning.
Full moon the 10 day, 50 min. past 5 at night.
Last quarter the 17 day, 59 min. past 8 beforenoon.
New moon the 24 day, 46 min. past 9 at night.

1	D	Shrove Sund.	21	43	Gem.	1		
2	e	Chad Bish.	22	43		13	Moist wea-	
3	f	Shrovetuesd.	23	43		25	ther with	
4	g	Ash wednesd.	24	42	Canc.	7	high winds.	
5	a	Eusebius	25	42		19		
6	b	Victor	26	42	Leo	2		
7	c	Perpetua	27	41		15		
8	D	1 Sun. in Lent.	28	41		29		
9	e	40 Martyrs	29	40	Virgo	13	Cold and	
10	f	Agapite	0 ♈	39		27	cloudy about	
11	g	Ember week	1	39	Libra	12	the full moon	
12	a	Gregory	2	38		26	with frost.	
13	b	Theodore	3	38	Scorp.	11		
14	c	Candide	4	37		26		
15	D	2 sun. in Lent	5	36	Sagit.	10		
16	e	Boniface B.	6	35		24		
17	f	Patrick	7	34	Capr.	8	Wet and	
18	g	Edward	8	33		22	windy, but	
19	a	Joseph	9	32	Aquar.	5	not so cold	
20	b	Cuthbert	10	30		18	now.	
21	c	Benedict	11	29	Pisc.	1		
22	D	3 sun. in Lent	12	28		14		
23	e	Theodore	13	27		27		
24	f	Nutrine fast	14	26	Aries	9	Tempestuous	
25	g	Lady day	15	25		22	and turbulent	
26	a	Castulus	16	24	Taur.	4	but warm for	
27	b	Martian	17	23		16	the season.	
28	c	Dorothy	18	22		28		
29	D	Midlent Sund.	19	22	Gem.	9		
30	e	Guido	20	21		21		
31	f	Balbina	21	19	Canc.	3		

April hath xxx days.

First quarter the 1 day, 46 min. past 9 at night.
Full moon the 9 day, 59 min. past 2 in the morning.
Last quarter the 15 day, 26 min. past 5 afternoon.
New moon the 23 day, 36 min. past 1 afternoon.

1	g	Conv. M. M.	22	18	Canc.	15	
2	a	Mary Egypt	23	17		27	Very good
3	b	Richard B.	24	15	Leo	10	weather be-
4	c	Ambrose	25	14		23	gins the
5	D	5 Sun. in Lent	26	12	Virgo	7	month.
6	e	Sixtus Bish.	27	11		21	
7	f	Epiſippus	28	9	Libra	5	Windy and
8	g	Perpetuus	29	7		20	dry about
9	a	Pas. of 7 Virg.	0 ♉	6	Scorp.	5	this time.
10	b	Tiburtius	1	4		20	
11	c	Leo Pope	2	2	Sagit.	5	
12	D	Palm Sunday	3	1		20	Fine pleaſant
13	e	Juſtinus	3	59	Capr.	4	and calm
14	f	Valerian	4	58		18	weather, with
15	g	Leonard	5	55	Aquar.	2	briſk gales of
16	a	Iſidore	6	54		15	wind and
17	b	Good friday	7	52		28	ſprinkling
18	c	Quintine faſt	8	50	Piſces	11	ſhowers.
19	D	Eaſter day	9	48		24	
20	e	Sulpitius	10	46	Aries	6	
21	f	Simeon B.	11	44		18	
22	g	Sother Virg.	12	42	Taur.	0	
23	a	S. George	13	40		12	More dry
24	b	Wilfryde	14	38		24	toward the
25	c	S. Mark Evan	15	35	Gem.	6	end.
26	D	Low Sunday	16	33		18	
27	e	Anaſtaſius	17	31	Canc.	0	
28	f	Vitalis	18	29		12	
29	g	Peter Mart.	19	27		24	
30	a	Erkenwald	20	24	Leo	6	

May hath xxxi days.

First quarter the 1 day, 30 min. past 3 afternoon.
Full moon the 8 day, 49 min. past 10 before noon.
Last quarter the 15 day, at 4 in the morning.
New moon the 23 day, 2 min. past 6 before noon.
First quarter the 31 day, 58 min. past 2 in the morn.

1	b	Phil. & James	21	22	Leo	19	
2	c	Athanasius	22	20	Virgo	2	Wet and cold
3	D	2 after Easter	23	17		15	winds at the
4	e	Quind. Pasc.	24	15		29	beginning.
5	f	Gothard	25	13	Libra	14	
6	g	Term begins	26	10		28	
7	a	Joh. of Bev.	27	8	Scorp.	13	
8	b	Appar. Mic.	28	5		29	Rain with
9	c	Transf. Mich.	29	3	Sagit.	14	thunder.
10	D	3 sun. aft. Eas.	0	♊ 0		29	
11	e	Tres Pasch.	0	58	Capr.	14	
12	f	Pancratius	1	55		28	
13	g	Bonifface	2	53	Aquar.	12	
14	a	Isidore	3	50		25	
15	b	Brandon	4	48	Pisces	8	
16	c	Transf. Bern.	5	45		21	
17	D	4 sun. aft. Eas.	6	42	Aries	3	Hot weather
18	e	Mens. Pasch.	7	40		15	for the season
19	f	Dunstan	8	37		27	with rain, &
20	g	Helen Q.	9	34	Taur.	9	it is likely
21	a	Julian. Virg.	10	32		21	thunder ac-
22	b	Desiderius	11	29	Gem.	3	companying.
23	c	Transf. Fran.	12	26		15	
24	D	Rogation Sun.	13	23		27	
25	e	Quinq; Pasch.	14	21	Cane.	9	
26	f	Edward	15	18		21	
27	g	Beda	16	15	Leo	3	About the
28	a	Ascension day	17	12		15	end a moist
29	b	K. Ch. 2. Nat.	18	10		28	and troubled
30	c	Wigand	19	7	Virg.	11	air.
31	D	Sun. aft. ascen.	20	4		24	

June hath xxx days.

Full moon the 6 day, 1 min. past 5 afternoon.
Last quarter the 13 day, 41 min. past 4 afternoon.
New moon the 21 day, 50 min. past 7 at night.
First quarter the 29 day, 11 min. past 11 beforenoon.

1	f		Term ends	21	1	Libra	8	
2	g		Marcellus	21	58		22	Fine serene
3	a		Erasmus	22	55	Scorp.	7	and favour-
4	b		Petroc. Con.	23	52		22	able weather
5	c		Boniface	24	49	Sagit.	7	begins the
6	d		Bzentine fast	25	46		22	month.
7	e		Whitsunday	26	44	Capr.	7	
8	f		Medard	27	41		22	
9	g		Pelagia	28	38	Aquar.	7	Brisk gales of
10	a		Ember week	29	35		21	wind with
11	b		S. Barnabas	0	32	Pisces	4	rain.
12	c		Basil Conf.	1	28		17	
13	d		Cyrillus	2	26	Aries	0	
14	e		Trinity Sund.	3	23		12	
15	f		Crast. Trin.	4	20		24	
16	g		Rowland	5	17	Taur.	6	
17	a		Botolph	6	14		18	Moist weather
18	b		*Corpus Christi*	7	11	Gem.	0	with thunder.
19	c		Term begins	8	8		12	
20	d		Tran. S. Edw.	9	5		24	
21	e		1 sun. af. Trin.	10	2	Canc.	6	
22	f		Octab. Trin.	10	59		18	
23	g		Andrew fast	11	57	Leo	0	
24	a		S. John Bapt.	12	54		12	Good season-
25	b		Transf. Elegt.	13	51		25	able weather
26	c		Jeremias	14	48	Virg.	8	now but
27	d		7 Sleepers	15	45		21	windy and
28	e		2 sun. af. Trin.	16	42	Libra	4	temperate as
29	f		S. Peter Apo.	17	39		18	to heat.
30	g		Com. S. Paul	18	36	Scorp.	2	

July hath xxxi days.

Full moon the 6 day, 5 min. past 1 in the morning.
Last quarter the 13 day, 42 min. past 7 in the morn.
New moon the 21 day, 23 min. past 9 beforenoon.
First quarter the 28 day, 51 min. past 4 afternoon.

1	g	Theobald	19	33	Scorp.	16		
2	a	Visit. Mary	20	30	Sagit.	1		Tempestuous
3	b	Cornelius	21	27		16		with storms
4	c	Ulricus	22	25	Capr.	2		of hail at the
5	D	3 after Trin.	23	22		15		beginning.
6	e	Tres Trin.	24	19	Aquar.	0		
7	f	Demetrius	25	16		15		
8	g	Term ends	26	13		28		
9	a	Cyrillus	27	10	Pisces	12		
10	b	7 Brethren	28	8		25		Moist wea-
11	c	Pius	29	5	Aries	8		ther, but not
12	D	4 after Trin.	0	☊ 2		21		so hot now.
13	e	Margaret	0	59	Taur.	5		
14	f	Bonavent.	1	56		15		
15	g	Swithin	2	54		27		
16	a	Hilarine	3	51	Gem.	8		Windy and
17	b	Alexius	4	48		20		dry & gene-
18	c	Rufina	5	46	Canc.	2		rally pleasant
19	D	5 after Trin.	6	43	Dog d beg.			weather be-
20	e	Elias	7	40		27		ing moderate-
21	f	Daniel	8	38	Leo	9		ly hot for the
22	g	Mary Mag.	9	35		22		season.
23	a	Apol. the B.	10	32	Virgo	5		
24	b	Christian fast	11	30		18		
25	c	S. James Apo.	12	27	Libra	1		
26	D	6 after Trin.	13	25		15		
27	e	Martha	14	22		27		Tempestuous
28	f	Panthaleon	15	20	Scorp.	13		with thunder
29	g	Beatrix	16	17		27		& lightning.
30	a	Abdon	17	15	Sagit.	11		
31	b	German	18	12		25		

Auguſt hath xxxi days.

Full moon the 4 day, 42 min. paſt 9 beforenoon.
Laſt quarter the 12 day, 38 min. paſt 12 in the morn.
New moon the 19 day, 11 min. paſt 10 at night.
Firſt quarter the 26 day, 20 min. paſt 9 at night.

1	f	Lammas day	19	10	Capr.	10	
2	g	7 after Trin.	20	8		24	Good ſeaſonable weather at the beginning, & not very hot.
3	a	Dominick	21	5	Aquar.	9	
4	b	Ariſtarchus	22	3		23	
5	c	Oſwald	23	0	Piſces	7	
6	d	Tranſ. Chriſti	23	58		20	
7	e	Donatus	24	56	Aries	4	
8	f	Cyriacus	25	54		16	
9	g	8 after Trin.	26	51		29	Now expect ſhowers but moderately.
10	a	S. Laurence	27	49	Taur.	11	
11	b	Tiburtius	28	47		23	
12	c	Clare Virg.	29	45	Gem.	5	
13	d	Sun in Virgo	0	M43		16	
14	e	Euſebius	1	41		28	
15	f	Aſſumpt. Mary	2	39	Canc.	10	
16	g	9 after Trin.	3	37		22	
17	a	Mammes	4	35	Leo	5	Wet weather and bad for harveſt.
18	b	Helena Imp.	5	33		18	
19	c	Sebaldus	6	31	Virg.	1	
20	d	Bernard	7	29		14	
21	e	Athanaſius	8	27		28	
22	f	Symphio.	9	25	Libra	11	
23	g	10 after Trin.	10	24		25	
24	a	S. Bartholom.	11	22	Scorp.	9	Boiſterous with thunder.
25	b	Lewis King	12	20		23	
26	c	Irenens	13	18	Sagit.	7	
27	d	Dog days end	14	17		21	
28	e	Auguſtine	15	15	Capr.	6	
29	f	Decol. J. Bapt.	16	13		20	
30	g	11 after Trin.	17	12	Aquar.	4	
31	a	Paulinus	18	10		18	

September hath xxx days.

Full moon the 2 day, 40 min. paſt 8 at night.
Laſt quarter the 10 day, 56 min. paſt 9 at night.
New moon the 18 day, 54 min. paſt 11 beforenoon.
Firſt quarter the 25 day, 58 min. paſt 2 in the morn.

1	f	Egidius	19	9	Piſces	2	
2	g	Veronica	20	7		15	Cold and
3	a	Gregory	21	6		28	cloudy with
4	b	Theodoſius	22	4	Aries	12	rain.
5	c	Bertine	23	3		24	
6	d	12 after Trin.	24	2	Taur.	7	
7	e	Regina	25	0		19	
8	f	Nat. of Mary	25	59	Gem.	1	
9	g	Gorgon	26	58		12	
10	a	Hoſthenes	27	57		24	High winds
11	b	Protheus	28	56	Canc.	6	& boiſterous
12	c	Tobias	29	55		18	weather but
13	d	13 after Trin.	0	54	Leo	0	dry.
14	e	Holy Croſs	1	53		13	
15	f	Nicodem.	2	52		26	
16	g	Ember week	3	51	Virgo	9	
17	a	Lambert	4	50		23	Windy & wet
18	b	Methodius	5	49	Libra	7	about the new
19	c	Januarius	6	48		21	moon and for
20	d	14 aft. Trin.	7	47	Scorp.	5	ſome time
21	e	S. Matthew	8	46		20	after.
22	f	Maurice	9	46	Sagit.	4	
23	g	Eſdras	10	45		18	
24	a	Rupert	11	44	Capr.	2	
25	b	Cleophas	12	44		16	
26	c	Cyprian	13	43	Aquar.	0	High winds
27	d	15 after Trin.	14	42		14	but more dry
28	e	Wenceſl.	15	42		28	toward the
29	f	S. Michael	16	41	Piſces	11	end.
30	g	Jerome	17	41		24	

October hath xxxi days.

Full moon the 2 day, 37 min. past 10 beforenoon.
Last quarter the 10 day, 32 min. past 1 afternoon.
New moon the 17 day, 46 min. past 8 at night.
First quarter the 24 day, 51 min. past 10 beforenoon.

1	a	Remigius	18	41	Aries	7	
2	b	Leodegar	19	40		20	Indifferent
3	c	Candidus	20	40	Taur.	2	good weather
4	d	16 after Trin.	21	39		15	at the begin-
5	e	Apolinar	22	39		27	ning.
6	f	Faith	23	39	Gem.	9	
7	g	Marcell. m.	24	39		20	
8	a	Pelagia	25	39	Canc.	2	
9	b	Dionysius	26	38		14	
10	c	Gereon	27	38		26	High winds
11	d	17 after Trin.	28	38	Leo	8	with sudden
12	e	Wilfrid	29	38		21	showers of
13	f	Sun in Scorp.	☌ ♏	38	Virgo	4	rain, or storms
14	g	Calixtus	1	38		17	of hail.
15	a	Hedwig.	2	38	Libra	2	
16	b	Gallus	3	38		15	Fine pleasant
17	c	Florent.	4	38		29	showery wea-
18	d	S. Luke Evan.	5	39	Scorp.	14	ther, and not
19	e	Ptolomy	6	39		29	very cold for
20	f	Tres Mich.	7	39	Sagit.	14	the season.
21	g	Ursula	8	39		28	
22	a	Cordula	9	40	Capr.	13	
23	b	Term begins	10	40		27	
24	c	Salome	11	40	Aquar.	11	
25	d	19 after Trin.	12	41		24	
26	e	Amandus	13	41	Pisces	8	Moist weather
27	f	Mens. mich. fa.	14	42		21	to the end of
28	g	Sim. & Jude	15	42	Aries	4	the month.
29	a	Narcissus	16	43		16	
30	b	Absolom	17	43		29	
31	c	Wolfgang	18	44	Taur.	11	

November hath xxx days.

Full moon the 1 day, 27 min. past 3 in the morning.
Last quarter the 9 day, 43 min. past 7 in the morn.
New moon the 16 day, 17 min. past 8 beforenoon.
First quarter the 22 day, 53 min. past 10 at night.
Full moon the 30 day, 25 min. past 10 at night.

1	D	All Saints	19	44	Taur.	23	
2	E	All Souls	20	45	Gem.	5	Cloudy and
3	F	Cras. Anim.	21	46		17	turbulent, but
4	G	Godeskus	22	46		29	not very cold.
5	a	Powder Plot	23	47	Canc.	11	
6	b	Leonard	24	48		23	
7	c	Willibald	25	48	Leo	5	
8	D	21 after Trin.	26	49		17	
9	e	Theodorus	27	50		29	
10	f	Erastus	28	51	Virgo	12	
11	g	Martine	29 ☽	52		25	Cold and
12	a	Cras. Mart.	0	53	Libra	9	cloudy about
13	b	Eugenia	1	54		23	this time
14	c	Erkenwald	2	54	Scorp.	7	with drisling
15	D	22 after Trin.	3	55		22	rain or sleet.
16	E	Edmund	4	56	Sagit.	7	
17	F	Hugo	5	57		23	
18	G	Octab. Mart.	6	58	Capr.	8	
19	a	Elizabeth	7	59		23	
20	b	Edmund K.	9	0	Aquar.	7	
21	c	Oblat. Mary	10	1		21	
22	D	23 after Trin.	11	2	Pisces	5	Moist foggy
23	e	Clement	12	4		18	weather and
24	f	Chrysogen.	13	5	Aries	1	but little frost
25	g	Quind. Mart.	14	6		13	in this month.
26	a	Conrade	15	7		26	
27	b	Agricola	16	8	Taur.	8	
28	c	Term ends	17	9		20	
29	D	Advent Sund.	18	10	Gem.	2	
30	E	S. Andrew	19	12		14	

December hath xxxi days.

Last quarter the 8 day, 6 min. past 8 at night.
New moon the 15 day, 28 min. past 5 at night.
First quarter the 22 day, 21 min. past 2 afternoon.
Full moon the 30 day. 57 min. past 5 at night.

1	f	Longinus	20	13	Gem.	26		
2	g	Candidus	21	14	Canc.	8		Gloomy weather with frost.
3	a	Caſſian	22	15		19		
4	b	Barbara	23	16	Leo	1		
5	c	Sabina	24	18		14		
6	d	2 ſun. in Adv.	25	19		26		
7	e	Agathon	26	20	Virgo	8		
8	f	Concep. Mary	27	21		20		Cold with ſnow.
9	g	Joachim	28	23	Libra	4		
10	a	Miltiades	29	24		17		
11	b	Sun in Capr.	0	♍ 25	Scorp.	1		
12	c	Valerius	1	27		16		The weather is now more pleaſant and calm.
13	d	3 ſun. in Adv.	2	28	Sagit.	0		
14	e	Nicaſius	3	29		16		
15	f	Valerian	4	30	Capr.	1		
16	g	O Sapientia	5	31		16		Ember week
17	a	Lazarus	6	33	Aquar.	1		
18	b	Chriſtopher	7	35		16		
19	c	Nemeſius f.	8	36	Piſc.	0		
20	d	4 ſun. in Adv.	9	37		14		Fine mild weather and moiſt to the years end.
21	e	S. Thomas	10	38		27		
22	f	Ichthion	11	40	Aries	10		
23	g	Vigil Virg.	12	41		23		
24	a	Vig. Chriſt	13	42	Tanr.	5		
25	b	Chriſt's birth	14	43		17		
26	c	S. Stephen	15	45		29		
27	d	S. John Evan.	16	47	Gem.	11		
28	e	H. Innocents	17	47		23		
29	f	Trefiens	18	48	Canc.	4		
30	g	David	19	50		16		
31	a	Sylveſter	20	51		28		

A Regal Table in a more exact manner.

The Year, (accounting the Year to begin *Jan.* 1.) whereon every K. and Q. of *Eng.* since the Conq. began their reign.			The number of Years, Moneths, & Days, that every K. & Q. reign. 28 da. to a mon.					The num. of expired in this since they beg to reign: as al since they ended.	
K. W. Conq.	1066	Octob. 14	20 y	11 m	22 d	619			
W. Rufus	1087	Sept. 9	12 y	11 m	18 d	598	W Conq.		
Henry 1	1100	August 1	35 y	4 m	11 d	585	W. Rufus		
Stephen	1135	Decem. 2	18 y	11 m	18 d	550	Henry	1	
Henry 2	1154	Octob. 25	34 y	9 m	2 d	532	Stephen		
Richard 1	1189	July 6	9 y	9 m	0 d	496	Henry	2	
John	1199	April 6	17 y	7 m	0 d	486	Richard	1	
Henry 3	1216	Octob. 19	56 y	1 m	0 d	469	John		
Edward 1	1272	Nov. 16	34 y	8 m	6 d	413	Henry	3	
Edward 2	1307	July 7	19 y	7 m	5 d	378	Edward	1	
Edward 3	1327	Jan. 25	50 y	5 m	7 d	358	Edward	2	
Richard 2	1377	June 21	22 y	3 m	14 d	308	Edward	3	
Henry 4	1399	Sept. 29	13 y	6 m	3 d	286	Richard	2	
Henry 5	1413	Marc. 20	9 y	5 m	24 d	272	Henry	4	
Henry 6	1422	Aug. 31	38 y	6 m	16 d	263	Henry	5	
Edward 4	1461	March 4	22 y	1 m	8 d	224	Henry	6	
Edward 5	1483	April 9	0 y	2 m	18 d	202	Edward	4	
Richard 3	1483	June 22	2 y	2 m	5 d	202	Edward	5	
Henry 7	1485	Aug. 22	23 y	10 m	24 d	200	Richard	3	
Henry 8	1509	April 22	37 y	10 m	2 d	176	Henry	7	
Edward 6	1547	Jan. 28	6 y	5 m	19 d	138	Henry	8	
Q. Mary	1553	July 6	5 y	4 m	22 d	132	Edward	6	
Q. Elizab.	1558	Nov. 17	44 y	4 m	15 d	127	Q. Mary		
K. James	1603	Mar. 24	22 y	0 m	3 d	82	Q. Elizab.		
Charles 1	1625	Mar. 27	22 y	10 m	3 d	60	K. James		
Charles 2	1649	Jan. 30	Longlive the King			36	K. Charles	1	

The use of the Table in Example.

King *Henry* 8 began his Reign in the year of *Christ* 1509, *April* 22 He Reigned 37 years, 10 months, and 2 days. It is since he began his Reign 176 years compleat the 22 of *April* this year 1685. Now to know the time since the end of his Reign, before his name standing on the right hand, you shall there find 138 years since he died, *Jan.* 28. And so of the rest.

SWALL.

SWALLOW.

The latter part of this

ALMANACK

for the Year of our

LORD GOD

1685.

Being the first after Bissextile or Leap-year, and from the Conquest of *England* by *William* Duke of *Normandy* 619 years.

Wherein is contained an account of the Eclipses, the time of the Sun's entrance into the four Cardinal Signs, A most natural and rational account of *Astrology*; and likewise Tables of Weights and Measures, A Table of Timber measure, with Rules for measuring Boards and Timber, and Tables for Purchasing explained, with other profitable and delightfull things.

Poma dat Autumnus: formosa est messibus Æstas:
Ver præbet flores: Igne levatur Hyems.

CAMBRIDGE,
Printed by *John Hayes*, Printer to the University, 1685.

Of the Eclipſes this year.

THere will happen three Eclipſes this year, *viz.* one of the Sun, and two of the Moon.

The firſt will be of the Moon on the 6 day of *June*, about 6 of the Clock at night, in 16 degrees of ♐: it will be inviſible to us in *England*, by reaſon of the Moons being below the Eaſtern Horizon at the time thereof.

The ſecond will be an Eclipſe of the Sun on the 21 day of *June*, at 8 at night, in 10 degrees of ♋; but will be ſcarcely be viſible to us, becauſe the Sun is juſt laying down his head within the brim of the Weſtern Horizon.

The third will be an Eclipſe of the Moon on *November* the 30 day at 11 at night, it will be both viſible, Total, and Central, it is celebrated in 19 degrees of ♊ which is the Aſcendant of *London*, *Mercury* will be Lord of the Aſcendant for ♏ then Aſcends, and the Eclipſe falls in the 10th Houſe, and if the 10th Houſe repreſent all thoſe in Authority, then it ſeems they ſhall find but a ſickly time in their Government, there will be great noiſes of the ſudden motion of Armies, in thoſe places where Armies are, as in the land of ♏, &c. *Saturn* beholds the Luminaries at the time of the Eclipſe with an envious Quartile, and *Mercury* Lord of the Eclipſe beholds the defect with an Oppoſition, the Comet that appeared in 1680, comes to an Oppoſition of *Luna*, ſhe being in ☊, and now the Comet appears moſt on thoſe places under ♓, ♏, ♐, ♊.

The warlike Planet *Mars* hath a tedious tranſit through the Cœleſtial Sign ♐ this year, *viz.* from *February* the 10th day, to *September* the 11th, which is compleatly ſeven months; ♐ is the Dignities of *Jupiter*.

The

The Suns entrance into the four Cardinal Signs this Year.

HE enters *Aries*, *March* the 9th day, at 8 at night, at which time 23 degrees of *Libra* Aſcends, 28 degrees of *Cancer* culminate, 5 degrees of *Virgo* are upon the Cuſp of the eleventh Houſe where is *Saturn* an infortune, and 3 degrees of *Libra* upon the Cuſp of the 12th Houſe, where *Jupiter* is retrograde.

He enters *Cancer*, *June* the 10th day, 40 minutes after 10 at night, at which time ♋ aſcends, and ♄ culminates.

He enters *Libra* *September* the 12th day at 2 afternoon, at which time 27 degrees of ♄ aſcends, and 3 degrees of ♏ culminates.

He enters *Capricorn*, *December* the 11th day, at 2 in the morning, at which time 27 degrees of ♑ aſcend, and 7 degrees of ♌ culminate.

A most natural and rational account of Astrology.

Astrology (as it is defined by some) is the language or influence of the Stars, by whose motions and various configurations is manifested and foreseen the intents of Gods Providence in the several mutations that happen in the World in general, and more particularly towards Man.

The subjects of Astrology are the four principle Qualities, (as they are derived and do proceed from the first principles of the universe) *viz.* Heat, Cold, Drought, and Moisture, and all things that are compounded of them.

The use and end of Astrology, is to discover and make manifest the causes of those mutations and accidents that happen in general, as Dearth, Plenty, *&c.*

The parts of Astrology are chiefly two, *viz.* Theorick and Practick;

The Theorick part (which is more properly called Astronomy) is that which by certain Mathematical Demonstrations and Figures, represents to us the various Motions, Places, Magnitudes, Distances, and Proportions one to another, with all other Phoenomena, or appearance of the Stars.

The Practick part, is that which from the knowledge of the aforesaid Motions, Configurations, *&c.* of the Stars, judgeth of their Effects; and this is that which most properly of it self is called Astrology, or the Influence of the Stars.

Neither can it be void of a third division, and that is Physical, by which is demonstrated their occult Virtues and Natures, and by what means they come to have such various Motions, Distances, Passions, *&c.* from whence such variety of Effects do proceed, as also hereby is shewed by what means they differ in quality among

among themſelves, by which means they produce moſt forcible Effects upon ſome particular Objects.

Of the Stars ſome are termed Fixed, and ſome Wandering or Planets.

The Fixed Stars are thoſe that are placed in their ſeveral Conſtellations or Aſteriſms, having equal diſtances, at all times one from another: their Latitude being always the ſame, and by the Anticipation of the Æquinoxes, ſeem to have onely a ſlow motion in Longitude, *viz.* 50 ſeconds in a Year, which is only 1 degree 23′ 20″ in 100 Years.

A Conſtellation is a certain number of Fixed Stars collected into a certain form, either for that the Stars in thoſe places are of the nature of that Creature in the form of which they are placed, or becauſe they only make the form of ſuch a Creature.

Of theſe Conſtellations there are three diviſions, *viz.* Zodiacal, Northern, and Southern Conſtellations.

The moſt principal are thoſe which are termed Zodiacal, becauſe they are placed upon that great Circle of the Sphære ſo called.

And theſe are called Signs becauſe from them is meaſured in Longitude the places of all the Stars, whether Fixed or Wandring, hence any Star is ſaid to be in ſuch a degree, *&c.* of ſuch a Sign.

The Northern and Southern Conſtellations are ſo termed, becauſe they are placed either North or South of thoſe in the Zodiack, and the further North or South they decline or are placed from this Circle, they are of the leſs conſideration in Aſtrological Judgements.

And as the difference is in the ſeveral Conſtellations themſelves, ſo is it likewiſe in the fixed Stars therein placed, and this difference ariſeth either in reſpect of Magnitude or Place.

In reſpect of Magnitude, the Antients have diſtinguiſhed them into Six, *viz.* Stars of the firſt Magnitude,

ſecond magnitude, third magnitude, fourth magnitude, fifth magnitude, ſixth magnitude.

In reſpect of Place, thoſe that are placed in the Zodiack, and neareſt to the middle thereof (which is a Line called, *Via Solis*, and the Ecliptick) are of Chiefeſt Signification, yet not rejecting ſuch as are vertical in poſition, in reſpect of time and place.

The Wandring Stars are thoſe commonly termed Planets *ab errando*, from wandring to and fro in their ſeveral Spheres in which they were placed at their creation.

They are ſaid to be wandring in reſpect of their motion, either in Longitude or Latitude; in Longitude ſometimes they ſeem (to us) to move direct or forward, ſometimes Retrograde or backward, ſometimes Stationary or move not at all, ſometimes they are ſwifter in motion, ſometimes ſlower, according to their diſtance from the Earth. They are ſaid likewiſe to wander in reſpect of Latitude, for ſometimes they are more northward of the Ecliptick, ſometimes more ſouthward, and ſometimes they are juſt in the Ecliptick, and ſo have no Latitude at all.

And as this difference of motion is proper to all the Planets in general, ſo likewiſe they vary in proportion one to another, for ſome of them are of ſlower motion, ſome of more ſwift, according to their diſtance from their Centers, and the Circumference of their Spheres in which they move.

The Signs are ſo many Conſtellations placed upon a great Circle of the Sphere, which for diſtinction ſake do take denomina ion of ſuch Creatures, as they repreſent in Form or Nature.

They are in number 12, each containing 30 degrees in Longitude, the whole Circle containing 360 degrees, but in this reſpect they are to be conſidered two ways, *viz.* either in reſpect of their diviſion upon the Ecliptick, or in their proper Conſtellations.

They

They are reckoned in the Ecliptick from the Vernal Equinoctial or beginning of *Aries*, which is a point to which when a Planet comes he hath an Equal Arch of Day and Night, and when the Sun or Earth comes to that point, Days and Nights are of equal length, but the Constellations as they have a different beginning, so they have a various and unequal division, so that the first Zodiacal Constellation in this Age, begins about the 28 degree of the first Sign, *viz.* ♈, and so they annually make their progression as aforesaid, *viz.* 1 deg. and 23′ in 100 Years.

The 12 Signs are appropriated to the 12 Months of the Year, for that the Sun every Month passeth through one Sign, *viz.* 30 degrees, and such a Month is called a Solar Month, and thus are they divided also into four parts, answering to the four Quarters of the Year, and the four divisions of Man's Age.

♈, ♉, ♊, are appropriated to the Spring Quarter, beginning at ♈ the first Sign, and in this our age attributed to the first Month of the Year, *viz. March*, and so the other two Signs to the other two Months of *April* and *May*; as to Man's Age, this first division both of Signs and Quarters is attributed to, and hath consignification with our Youth.

♋, ♌, ♍, are appropriated to the Summer Quarter, *viz. June*, *July*, and *August*, and in Man's Age to manhood.

♎, ♏, ♐, are appropriated to the Autumnal Quarter, *viz.* the Months of *September*, *October*, *November*; and to the declining age of Man.

♑, ♒, ♓, are appropriated to the Winter Quarter, and the Months of *December*, *January*, and *February*, and to the old and last Age of Man.

The Signs are also divided into four Triplicities, answering to the four Qualities, and the several Temperatures, Humours, and Complexions in Man.

♈, ♌, ♐, are of the Fiery Trigon; hot, dry, and Chollerick.

♉, ♍, ♑, are of the Earthy Trigon, cold, dry, and Melancholly.

♊, ♎, ♒, are of the Airy Trigon; hot, moist, and Sanguine.

♋, ♏, ♓, are of the Watry Trigon; cold and moist, and do represent the Phlegmatick Humour or Complexion.

They are again divided into Moveable, Fixed, and Common.

Moveable, are ♈, ♎, ♋, ♑, so called, because they signifie more sudden alteration, and are more manifest in operation: hence it is that the Sun entring into these Signs doth divide the four Seasons of the Year as aforesaid, and suddenly manifest the change of the Air, &c. according to the season; and so in other operations of the other Planets, for which cause these Signs are most properly called the most efficacious and principle Signs or parts of the Circle.

Fixed Signs are ♉, ♍, ♌, ♒, so termed, because what is signified in and by them is more durable and fixed, and the season inclines more to its own property generally, they are less principle as being succedent to the former.

Common Signs are ♊, ♐, ♑, ♓, which are cadent from the Equinoctial and Tropical Signs; and Consequently of least signification: they are termed Common, for that they partake of the nature of the precedent and subsequent Signs, they signifie many relapses and sudden and contrary mutations, &c.

The Signs are also divided into Humane and Bestial.

Humane Signs are ♊, ♎, ♍, ♒, and the first part of ♐, which as they represent Humane Creatures, so have they most signification upon all Humane Actions, and in particular upon Man.

Bestial

Bestial Signs are ♈, ♉, ♌, ♏, and last part of ♐, as having signification on such Creatures as they represent in particular. ♋ and ♓ represent and have most signification on the Waters, and such things as are contained in them, as Fish, Navigable Affairs, &c. ♏ represents Serpents and Creeping Things, Locusts, all manner of treachery and fraud, &c.

The Signs are likewise said to have respect to the several quarters or parts of the World, either in regard of their declination, or by a certain congruence one to the other:

By their declination they are accounted Septentrional or Northern, as ♈, ♉, ♊, ♋, ♌, ♍, are so accounted, because their declination is north from the Equinoctial: or Meridional or Southern, as ♎, ♏, ♐, ♑, ♒, ♓, which decline southward.

In regard of their Congruity one with another, ♈, ♌, ♐, are said to respect the Oriental Parts, because ♈ having no declination from the Equinox at the beginning doth chiefly respect the East, and ♌ and ♐ being Signs of the same Triplicity, are attributed to the same Quarter, though one have great north declination, and the other south. So likewise ♉ denotes such parts as lie south, because of the same Trigon with ♑ whose Tropical Point is the angle of greatest declination southward, yet the declination of ♉ is north, and in that respect called otherwise a northern Sign, and so much for the Signs.

The Planets (as was before noted) or wandering Stars are different from those termed Fixed, not onely in motion, but also in regard of their Essential Qualities; for the Fixed Stars are nearer the Matter of the Sun, whose Light also is Essentially in, and inherent to themselves, as the Light of the Sun is, and as the Fixed Stars are in Substance and Quality similar and analogical to the Sun, so are the Planets or wandring Stars to our Earth, which shine by that Light which

they

they borrow from the Sun who is the Center both of their Light and Motion, differing no more from the Quality of our Earth, than the Mettalls of the said Earth, differ one from another.

The Number of the Planets are generally accounted seven, *viz.* *Saturn* ♄, *Jupiter* ♃, *Mars* ♂, *Sol* ☉, *Venus* ♀, *Mercury* ☿, *Luna* ☽.

These Planets have more powerfull Influence upon the Earth, and those things produced from, and contained in it, than the Fixed Stars, as well for this Reason, *viz.* that they Sympathize in Nature with her, as in respect of their propinquity to the Earth, which is the general and common Reason given for their more manifest Power and Operation, for although the Fixed Stars are of a vast and incomprehensible distance, insomuch as they are void of all sensible parallax, yet in regard of their exceess in magnitude to that of the Planets (as by their visible appearances is manifest, who notwithstanding their distance appear as it were equal in magnitude) they must necessarily have as powerfull operation upon us, as the Planets have, did they sympathize with our Earth as the Planets do, whether it be by Magnetism, or an active influx in themselves; yet in regard it often happens, that the Planets are augmented or diminished in their operations by their propinquity to the Fixed Stars, it hath been observed that either by their colour or experienced virtues and operations, they have participated with the Planets in signification, though more weakly and in somewhat a different sense, so that by the variety of their influence they are said to be of the nature of such a Planet, and sometimes of two Planets.

Not onely the difference of the Planets from those Stars called Fixed is to be considered, but also the difference among themselves, for according to their various Qualities, they produce various Effects; from whence some are termed, Fortunes and Benevolent; others

others Infortunes and Malevolent, and some Indifferent.

The Benevolent and Fortunate Planets are ♃ and ♀, and the good Aspects of the Sun.

The Infortunes and Malevolent are ♄ and ♂, and the bad Aspects of the Sun.

Those Planets that are of an indifferent nature, are ☿ and the Moon.

And this diversity of operation proceeds from the agreement or contrariety of nature and quality, to that of our Earth, even as the Vegetables of the Earth do accord with, or are contrary in nature one to the other; and so ♄ by reason of his excess in Cold, and ♂ in respect of his excess in Heat, are said to be infortunate to us, as exceeding in those principal qualities, so that generally they become destructive to nature in its actions and passions: and hence it is also that ♃ and ♀ are said to be benevolent and friendly to our natures, because they sympathize nearer with the nature of our Earth, and all its productions, not exceeding in any one quality by which nature becomes corrupted and destroyed.

☿ and the Moon are said to be indifferent as much for the reason aforesaid, as by reason of their affinity to, and frequent variation from other Planets, for as it is the property of ☿ to be subject to such mutation in his influence by reason of his access to, and coherence with the other Planets by body or Aspect.

So the Moon by reason of her propinquity to the Earth as its proper attendant (respecting the same for her proper center) doth more easily receive impression from, and conveigh the influence of all the othe Planets to us, (by which they become more significant and apparent in their operations) though she in respect of her own essential quality, exceeds our Earth in humidity.

So

So the Sun, as he is the Center (more especially) of the motion of all the Planets, it is manifest that by his good or bad Aspects, he should be either very friendly to Nature in the one, and as prejudicial in the other.

These are some of the several Significations of the Planets as they are simply considered by themselves, but their influences are intended or remitted by their mixtures one with another, as also by their various Positions and Aspects.

As by their Position in Signs in which they are said to have most principal respect, as in their own proper Houses, and also in respect of their propinquity, or oblique and direct positions to Earth, being far more powerfull in influence or operation by so much as their influential beams are directly projected.

The most principal Aspects of the Planets among themselves, are these four, *viz.* Sextile ⚹, Quartile □, Trine △, Opposition ☍.

The ☌ Conjunction, improperly called an Aspect, as it is the corporal union of their Beams, is of most power among other Configurations, and of the infortunate Planets is very malevolent, of the fortunate benevolent, of the fortunes with the infortunes, is good to the bad Planets, but evil to the good; and note that ♄ and ♆ make but 10 Conjunctions in one Trigon, continuing in the same near 200 Years, that is a Conjunction once in 20 Years, and compleats a revolution of all the Trigons once in a little less than 800 Years, which is very observable, there being but seven revolutions compleated since the Creation, after every one of which, something notable has happened in the World.

A plain and easie Table shewing the true Interest due upon any sum of money from five shillings to an hundred pounds, for a year or under, after the rate of six pounds in the hundred.

	1 Mon			3 Mon			6 Mon.			9 Mon.			A year.		
	sh	*p.*	*q.*	*sh*	*p*	*q*	*sh.*	*p*	*q.*	*sh*	*p.*	*q.*	*sh.*	*p.*	*q.*
5	0	0	1	0	0	3	0	1	3	0	1	2	0	3	2
10	0	0	2	0	1	3	0	3	2	0	5	0	0	7	0
15	0	0	3	0	2	2	0	5	1	0	8	2	0	10	2
1	0	1	0	0	3	2	0	7	0	0	10	2	1	2	1
2	0	2	1	0	7	0	1	2	1	1	9	1	2	4	2
3	0	3	2	0	10	2	1	9	1	2	7	3	3	6	3
4	0	6	3	1	2	1	3	4	2	3	6	3	4	9	0
5	0	4	0	1	6	0	3	0	0	4	6	0	6	0	0
6	0	7	0	1	9	2	3	7	0	5	4	2	7	2	1
7	0	8	1	2	1	0	4	2	1	6	3	1	8	4	2
8	0	9	2	2	4	2	4	9	1	7	3	1	9	6	3
9	0	10	3	2	8	1	5	4	2	8	0	3	10	9	0
	po	*sh.*	*p*	*po.*	*sh.*	*p*	*po*	*sh*	*p.*	*po.*	*sh.*	*p.*	*po*	*sh.*	*p.*
10	0	1	0	0	3	0	0	6	0	0	9	0	0	12	0
20	0	2	0	0	6	0	0	12	0	0	18	0	1	4	0
30	0	3	0	0	9	0	0	18	0	1	7	0	1	16	0
40	0	4	0	0	12	0	1	4	0	1	16	0	2	8	0
50	0	5	0	0	15	0	1	10	0	2	5	0	3	0	0
60	0	6	0	0	18	0	1	16	0	2	14	0	3	12	0
70	0	7	0	1	1	0	2	2	0	3	3	0	4	4	0
80	0	8	0	1	4	0	2	8	0	3	12	0	4	16	0
90	0	9	0	1	7	0	2	14	0	4	1	0	5	8	0
100	0	10	0	1	10	0	3	0	0	4	10	0	6	0	0

Shill. Pounds.

Tens of pounds.

Find the principal in the first Column, & in the other you have the interest due for one, three, six, nine, or twelve moneths.

Of

Of *Troy* Weight.

24 Grains	make	1 Peny w.
20 Peny weig.	make	1 Ounce.
12 Ounces	make	1 pou. *Troy*

Apothecaries Weight.

20 Grains	make	1 Scruple.
3 Scruples	make	1 Dram.
8 Drams	make	1 Ounce.
12 Ounces	make	1 Pound.

Of *Averdupois* Weight, a Pound whereof is equal to 14 Ounces, 12 peny weight *Troy*; by which Weight is weighed any thing which beareth the name of Garbel in this kind of weight.

16 Drams	make	an Ounce.
16 Ounces	make	a Pound.
28 Pound	make	1 Quarter.
4 Quarters	make	1 H. or 112
20 Hundreds	make	1 Tun.

Of Liquid Measure.

2 Pints	make	1 Quart.
2 Quarts	make	1 Pottle.
2 Potties	make	1 Gallon
8 Gallons	make	1 Firkin of Ale, Sope, Herrings.
9 Gallons	make	1 Firkin of Beer.
10 Gall. ½	make	1 Firkin of Salmon or Eels.
2 Firkins	make	1 Kilderkin
2 Kilderkins	make	1 Barrel.
42 Gallons	make	1 Tierce of Wine.
63 Gallons	make	1 Hogshead
2 Hogsheads	make	1 pipe, Butt.

Dry Measure.

2 Gallons	make	1 Peck.
4 Pecks	make	1 Bushel land measure.
5 Pecks	make	1 Bushel wat. measure.
8 Bushels	make	1 Quarter.
4 Quarters	make	1 Chalder.
5 Quarters	make	1 Wey.

Long Measure.

3 Barly Corns	make	1 Inch.
12 Inches	make	1 foot.
3 feet	make	1 Yard.
3 feet 9 Inch.	make	1 Ell.
6 feet	make	1 fathom.
5 yards and ½	make	1 Pole.
40 Poles	make	1 furlong.
8 furlongs	make	1 *Eng.* mile

Land Measure.

1 pole in breadth and 40 in length make a Rood of Land.

4 Roods make an Acre, which contains 160 square pole.

Cloath Measure.

4 Nails	make	1 Quarter.
4 Quarters	make	1 Yard.

A Table shewing how many Inches in Length makes one Foot of Timber, according to the Compass of any Round Piece of Timber.

The Compass of the Tree in Inches.

Com.	In.	parts.	Com.	In.	parts	Com.	In.	parts
10	217	15	40	13	572	70	4	432
11	179	46	41	12	916	71	4	308
12	150	80	42	12	310	72	4	198
13	128	49	43	11	744	73	4	75
14	110	79	44	11	211	74	3	965
15	94	312	45	10	723	75	3	861
16	84	822	46	10	262	76	3	760
17	75	137	47	9	830	77	3	663
18	67	20	48	9	425	78	3	569
19	60	151	49	9	44	79	3	479
20	54	286	50	8	686	80	3	393
21	49	228	51	8	349	81	3	310
22	44	865	52	8	50	82	3	230
23	40	904	53	7	730	83	3	152
24	37	690	54	7	447	84	3	78
25	34	743	55	7	178	85	3	6
26	32	122	56	6	924	86	2	936
27	29	787	57	6	684	87	2	869
28	27	697	58	6	455	88	2	804
29	25	820	59	6	238	89	2	742
30	24	127	60	6	30	90	2	681
31	22	596	61	5	836	91	2	622
32	21	206	62	5	649	92	2	566
33	19	936	63	5	471	93	2	511
34	18	784	64	5	301	94	2	458
35	17	736	65	5	140	95	2	406
36	16	755	66	4	985	96	2	356
37	15	862	67	4	837	97	2	307
38	15	38	68	4	696	98	2	261
39	14	276	69	4	561	99	2	216
						100	2	171

The uſe of the Table.

FIrſt girt the Piece about, then look the length of that Girt under the title Com. and againſt it is the length of a Foot ſolid in Inches and parts of Inches.

Example.

Suppoſe a piece of Timber be 80 Inches about, then look 80 under the title Com. and againſt it in the next Column toward the right hand is 3 Inches and 393 decimal parts of an Inch, (that is 393 thouſand parts, ſuppoſing the Inch to be divided into 1000 parts) for the length of a Foot.

For Square Timber.

Divide always 1728. (the Cubick inches in a foot ſolid) by the Content at the end, and the Quotient ſhews the length of a foot ſolid in Inches.

Example.

Let a piece of Timber be 12 Inches broad and 10 Inches deep at the end, and then the Content will be 120 Inches, which dividing 1728 the Quotient is 14 Inches, and $\frac{48}{120}$ parts for the length of a foot ſolid.

For Boards.

Divide always 144 (the Inches in a foot ſquare) by the breadth, and the Quotient ſhews the length of a foot ſquare in Inches.

Example.

If a board be 16 Inches broad, then 144 divided by 16 the Quotient is 9 Inches for the length of a foot according to that breadth.

For Circles.

If the Circumference be given, multiply it by it ſelf, and then by 7, the laſt product divide by 88, and the Quotient ſhews the Content: if the Diameter be only given, multiply it by it ſelf, and then by 11 the laſt product divide by 14 and the Quotient ſhews the Content.

A Table of the hour and minute of Sun-rising every second day.

days	Januar. ho.	mi.	Februa. ho.	mi.	March ho.	mi.	April ho.	mi.	May ho.	m.	June ho.	mi.
2	8	4	7	15	6	16	5	14	4	21	3	46
4	8	1	7	11	6	12	5	10	4	17	3	45
6	7	58	7	7	6	8	5	6	4	14	3	44
8	7	56	7	3	6	4	5	2	4	11	3	43
10	7	53	6	57	6	0	4	58	4	7	3	43
12	7	51	6	53	5	56	4	54	4	5	3	43
14	7	48	6	50	5	52	4	50	4	2	3	43
16	7	45	6	46	5	48	4	46	4	0	3	44
18	7	43	6	42	5	44	4	43	3	58	3	45
20	7	40	6	38	5	40	4	39	3	56	3	46
22	7	37	6	34	5	36	4	35	3	54	3	47
24	7	33	6	30	5	32	4	32	3	52	3	48
26	7	29	6	26	5	29	4	29	3	50	3	49
28	7	25	6	22	5	25	4	25	3	48	3	50
30	7	21	6	0	5	21	4	22	3	47	3	52

days	July ho.	mi.	August ho.	mi.	septem. ho.	mi.	Octob. ho.	mi.	Novē. ho.	m.	Decem. ho.	mi.
2	3	54	4	39	5	39	6	41	7	37	8	15
4	3	56	4	43	5	42	6	45	7	40	8	15
6	3	58	4	46	5	46	6	49	7	44	8	16
8	4	0	4	50	5	50	6	52	7	47	8	17
10	4	3	4	54	5	54	6	58	7	51	8	17
12	4	6	4	58	5	58	7	0	7	54	8	17
14	4	8	5	2	6	2	7	4	7	57	8	17
16	4	11	5	6	6	6	7	8	7	59	8	16
18	4	15	5	10	6	11	7	12	8	1	8	15
20	4	18	5	14	6	15	7	15	8	3	8	15
22	4	21	5	18	6	20	7	19	8	5	8	14
24	4	24	5	21	6	24	7	22	8	7	8	12
26	4	27	5	25	6	28	7	25	8	9	8	10
28	4	30	5	29	6	32	7	29	8	11	8	5
30	4	34	5	32	6	36	7	32	8	13	8	7

Seek the day on the side; and right against it, in every moneth, you have the hour and minute of Sun-rising.

Look how many minutes the Sun rises after 3, 4, 5, 6, 7, 8.
So many he sets before 9, 8, 7, 6, 5, 4.

A Table of Annuities and Reverſions.

What 1 pound to be paid any number of years hence, under 31, is worth in ready money.				What 1lb Annuity to continue any time under 31 years is worth in ready money at *6 per cent.*				What 1 pound will amount to at any time under 21 year reckoning Intereſt upon Intereſt.			
	ſh.	d.	q.	lb.	ſh.	d.	q.	lb.	ſh.	d.	q.
1	18	10	2	0	18	10	2	1	1	2	2
2	17	9	2	1	16	8	0	1	2	5	2
3	16	9	2	2	13	5	2	1	3	9	3
4	15	10	0	3	9	3	2	1	5	3	0
5	14	11	1	4	4	3	0	1	6	9	0
6	14	1	1	4	18	4	1	1	8	4	2
7	13	3	2	5	11	7	3	1	10	0	3
8	12	6	2	6	4	2	1	1	11	10	2
9	11	10	0	6	16	0	1	1	13	9	2
10	11	2	0	7	7	2	1	1	15	9	3
11	10	6	2	7	17	8	3	1	17	11	2
12	9	11	1	8	7	8	0	2	0	3	0
13	9	4	2	8	17	0	2	2	2	7	3
14	8	10	0	9	5	10	3	2	5	2	2
15	8	4	0	9	14	3	0	2	7	11	1
16	7	10	2	10	2	1	2	2	10	9	2
17	7	5	0	10	9	6	2	2	13	10	2
18	7	0	0	11	16	6	2	3	17	1	0
19	6	7	1	11	3	2	0	3	0	6	0
20	6	2	3	11	9	4	3	3	4	1	3
21	5	10	2	11	15	3	1	3	7	11	3
22	5	6	2	12	0	10	0				
23	5	2	3	12	6	0	3				
24	4	11	1	12	11	0	0				
25	4	7	2	12	15	8	0				
26	4	4	3	13	0	0	3				
27	4	1	3	13	4	2	2				
28	3	11	0	13	8	1	3				
29	3	9	1	13	11	9	2				
30	3	5	3	13	15	3	2				

By this Table you may readily find the increaſe of any other ſumm for ſuch a number of years: for if 1lb come to ſo much then ſuch ſuppoſe 5lb will come to 5 times as much &c.

The

The use of the Tables.

THe first Table shewing the decrease of one Pound yearly at 6 *per cent.* may be used in buying Reversions, *&c.* As suppose a parcel of Land or House or the like, whose fee simple or real worth is 200^{lb}, and it be Mortgaged or Leased out for 20 years, then what is the Reversion thereof after that 20 years worth in ready money? For Answer, I look against 20 years and find that the Reversion of one pound after 20 years is worth but 6^{sh} 2^{d} 3^{q}, then if 1^{lb} be worth 6^{sh} 2^{d} 3^{q}, 200^{lb} will be worth 200 times as much, which will be 62^{lb} 5^{sh} 10^{d} for the value of the Reversion required.

The second Table may be used in buying of Leases, *&c.* as suppose I am to buy a Lease of 10^{lb} *per annum*, for 21 years, what ready money may I give at the rate of 6^{lb} *per cent. per ann.* for answer I look against 21 years and find that 1^{lb} annuity to continue 21 years is worth in ready money 11^{lb} 15^{sh} 3^{d} 1^{q}, then I say if 1^{lb} annuity for 21 years be worth 11^{lb} 15^{sh} 3^{d} 1^{q}, then 10^{lb} annuity for the same time will be worth 10 times as much, which will be 117^{lb} 12^{sh} 8^{d} 2^{q}, for the value of the Lease required.

The third Table may be used in putting out money for a certain time at 6^{lb} *per cent. per ann.* as suppose 20^{lb} be let out for 7 years, what will it amount to in that time, reckoning Interest upon Interest? For Answer I look against 7 years, and find that 1^{lb} will amount to in that time 1^{lb} 10^{sh} 0^{d} 3^{q}, then I say 20^{lb} will amount to 20 times as much, which will be 30^{lb} 1^{lb} 3^{d}.

The use of the following Table is plain and easie, for suppose I am to find *Easter* this present year 1685. then having found the Golden Number 14, and Dominical Letter D at the bottom of the Table, I look under the Dominical Letter D at the top, and right against the Golden Number 14 at the left hand, and in the Common angle of meeting I find *April* 19. for *Easter* Day.

A Table shewing how to find Easter for ever by the help of the Golden Number and Dominical Letter.

G.N	A	B	C	D	E	F	G
i	*Apr.* 9	10	11	12	6	7	8
ii	*Mar.* 26	27	28	29	30	31	*apr.* 1
iii	*Apr.* 16	17	18	19	20	14	15
iv	*Apr.* 9	3	4	5	6	7	8
v	*Mar.* 26	27	28	29	23	24	25
vi	*Apr.* 16	17	11	12	13	14	15
vii	*Apr.* 2	3	4	5	6	*mar.* 31	*apr.* 1
viii	*Apr.* 23	24	25	19	20	21	22
ix	*Apr.* 9	10	11	12	13	14	8
x	*Apr.* 2	3	*mar* 28	29	30	31	*apr.* 1
xi	*Apr.* 16	17	18	19	20	21	22
xii	*Apr.* 9	10	11	5	6	7	8
xiii	*Mar.* 26	27	28	29	30	31	25
xiv	*Apr.* 16	17	18	19	13	14	15
xv	*Apr.* 2	3	4	5	6	7	8
xvi	*Mar.* 26	27	28	22	23	24	25
xvii	*Apr.* 26	10	11	12	13	14	15
xviii	*Apr.* 2	3	4	5	*mar.* 30	31	*apr.* 1
xix	*Apr.* 23	24	18	19	20	21	22

Ann. Dom. of our Lord	1684	1685	1686	1687	1688	1689	1690
G.N.	13	14	15	16	17	18	19
D.L.	FE	D	C	B	AG	F	E

The

The Names of the principal Fairs in *England*, as they have heretofore been ſet forth by others, and are now Corrected and continued for the common good.

January.

THe 5 day at Hicetford in Lancaſhire, the 6 day at Saliſbury, Tueſday after at Melton-Mowbray, the Thurſday after at Banbury: the third Tueſday in January at Potton: the 25 at Graveſend, Briſtol, Churchinford, Northallerton in Yorkſhire every Wedneſday from Chriſtmas till June.

February.

The 1 day at Bromley in Lancaſhire, the 2 at Reading in Barkſhire, at Maidſton, Bickleſworth, Bicklesfield, Bath, Lyn, Bugworth: the 6 day at Stafford for 6 days: the 14 at Oundle, Feverſham: 24 at Henley upon Thames, Baldock: On Aſhwedneſday at Royſton, Dunſtable, Eaton, Tamworth, Tunbridg, Lichfield, Exeter, Ciceter. The firſt Thurſday in Lent at Banbury; the 26 at Stanford an Horſe Fair.

March.

The 3 day at Bromel-brakes in Norfolk, 4 at Bedford, at Oakham: 12 at Alſome in Norfolk, Sudbury, Wooburn, Stanford, at Wye: 13 at Bodwin in Cornwall: 20 at Durham, Alesbury: Munday before our Lady day at Kendal, at Wisbich, 25 at Huntington, Northampton, Malden, Aſhwel in Hartfordſhire, Newcaſtle, Oney, S. Albans: Midlent Saturday at Saffron-walden: Palmſunday-eve at Wisbich, Worceſter, Pomfret, on Goodfriday at Norwich, the Tueſday before Eaſter at Potton.

April.

Eaſter Munday at Oney in Bedfordſhire, Gainsborough. Eaſter Tueſday at Daintry in Northamptonſh. Godmanchester, Schole in Norfolk, S. Edmunds bury. On Wedneſday at Wellingborough in Northamptonſh. On Friday

In the ſame week at Darby. On Saturday at Bickleſworth a day at Hitchin, at Rochford, Northfleet: 5 at Wallingford: 7 at Derby, 9 at Billingſworth, Bickleſworth: the 22 at Stabford, 23 at Ipſwich, Harbin in Norfolk, Northampton, Sapſar in Hartfordſhire, Charing, Hinningham, Tamworth, Bury in Lancaſhire. St Pombs in Cornwal, Ampthill, Chicheſter, Engfield, Gilford, Biſhops-Hatfield: the 25 at Buckingham, at Bourn in Lincolnſ. at Colebrook, Dunmow in Eſſex, Darby, Oakham in Rutlandſhire: the 29 at Tenderden in Kent, Cleet. 30 at Beverly a week together.

May.

The 1 day at Swaffam, Haveril in Eſſex, Laytonbuzzard in Huntingtonſh. Rippon in Yorkſ. Reading, Maidſtone, Chelmford, Leiceſter, Litchfield, Lexfield in Suffolk, Stow, Stanſted, Tuxford in the Clay, the 3 day at Elſton in Bedfordſh, Noneaton in Warwickſ. Thetford in Norfolk, Waltham Abby, Hinningham, Rochdale, Bramyard, the 6 at Almeſbury, at Aſhford, 7 at Newton in Lancaſhire, Beverly, Oxford, Bath: the 8 at Maidſtone: the 19 at Rocheſter, Dunſtable, Magfield in Suffolk. On Rogation Munday at Reach. On Aſcenſion day at Thaxted, Beverly, Rippon, Sudminſter, Biſhopſtratford, S. Neots, Wickham in Lancaſhire, Middle-wich in Cheſhire, Chappel-Frith in Darbiſh. On Whitſun-even at Skipton in Craven. On Whitſun-Munday at S. Ives, Rygate in Surry, Bickleſworth, Bradford, Agmunſham in Buckinghamſh. On Whitſun-Tueſday at Newmarket. On Wedneſday at Royſton. Thurſday at Owndle in Northamptonſ. 26 at Lenham, 29 at Crainbrook.

June.

Trinity-even at Rowel, Kendal. On Corpus Chriſtiday at Banbury, Biſhopſtratford, S. Neots, Coventry, Newbury The 3 at Alesbury: 9 at Maidſtone. 11 at Breme in Norfolk, Bardfield in Eſſex. 17 at Hadſtock, 23 at S. Albans, Deerham in Norfolk, Shrewsbury, 24 at Halſon in Suffolk, Barnwel by Cambridge, Bedford, Colcheſter, Hartford,

Hartford, Leicester, Rumford, Reading, Windsor, Hallifax, York, Beverly, Haslingden, 26 at Bristol, Darby, 27 at Burton on Trent, Folstone 28 at S. Combs in Cornw, 29 at Peterborough, Ashwel, Sudbury, Stebbing in Essex. Benington in Hartfordshire.

July.

The first Tuesday at Potton. The 1, 2, 3 days at Congleton in Cheshire, 7 at Royston, Burntwood. The Munday after at Fodringham, at Canterbury: the 11 at Partney, 17 at Stevenage: 20 at Uxbridge, Coolidge, Woodstock: the 22 at Ickleton, Bicklesworth, Norwich, Colchester, Newark upon Trent; 25 at Audley-end by Walden, Reading, Baldock, Darby, Dover, Erith, Ipswich, Stamford.

August.

The first day at Bedford, S. Neots, Dunstable, Feversham, Wisbich, Bicklesworth, Thaxted: the 6 at Peterborough: the 10 at Blackmore, Harply in Norfolk, S. Ives, Bedford, Banbury, Farnham, Brainford, Owndle: the 15 at Cambridge, Huntington, Dunmow, Luton, Northampton: the 24 at London, Sudbury, Norwich, Oxford, Northallerton, Dover, Beggers-bush, Burton. the 28 at Ashford, Daintry: the 29 at Hatton in Suffolk, Harlow-Bush in Essex, Watford.

September.

The first day at S. Giles in the Bush. On Thursday and Friday before the 8 day at Sandback in Cheshire. 7, 8, 9, 10 at Woodbury-hill in Dorsetshire, 7 at Ware. 8 at Huntington, Bury in Lancashire, Partney, Wakefield, Northampton, Sturbridge fair begins: the 11 at Wolfpit in Suff. 14 at Rippon, Waltham-Abby, Chesterfield in Darbishire, Richmond: the 21 at Marlborough, Bedford, Baldock, S Edmundsbury, Holden in Holderness, Braintry, Brackly-Maiden, Malden, Mildnal: the 29 at S. Ives, Basingstoke, Marketdeeping, Shelford in Bedfordsh. Bishopstratford, Malden, Stow in Lincolnsh. S. Albans, Canterbury, Leicester, Newbury, Westchester, Weymer for 7 days: Thursday after at Banbury.

October.

October.

The 1 day at Salisbury, the 6 at Havent in Hampſh. M[illegible] ſtone, Coolidge, Gayworth by Lyn. S. Faiths by N[illegible] wich, the 8 at Biſhopſtratford, Harborough, 9 Gain[illegible] rough, the 13 at Windſor, Colcheſter, Graveſend, Hitch[illegible] Royſton: the Tueſday before S. Luke at Potton: t[illegible] Ely, Biſhop Hatfield, Barnet, Banbury, Thirſt, Burton [illegible] Trent, Wellinborough: the 21 at Saffron Walden, Cov[illegible] try: the 23 at Bicklelworth, 28 at Newmarket, Hartf[illegible] Oxford, Diſs, Wakefield, Stamford, Richdale in La[illegible] ſhire.

November.

The 1 day at Chelmsford, 2 at Epping, Kingſton [illegible] Thames, Padamhaſſon in Suffolk, 6 at Newportpond, [illegible] ford, Hartford, 11 at Lodden in Norfolk, Lenton in No[illegible] hamſhire, Hempton, Fockingham Bridgeſtock, Ma[illegible] rough: the 17 at Spalding in Lincolnſh. Lincoln, Har[illegible] Hide, Northampton: the 19 at Horſham in Kent: the [illegible] S. Edmundsbury, Ingerſton in Eſſex, Heath, the 23 at Sa[illegible] wich, the 30 at Baldock. Bareford, Kolingborough, [illegible] denhead, Warrington, Rocheſter, Wakefield, York.

December.

The firſt day at Tutbury: the 5 at Pluckley: the 9 a[illegible] S. Neots, at Woodſtock, Exeter, Spalding, Norwich [illegible] Chelhire, Seven-oak in Kent, Arundel, Grantham: the [illegible] at Sandhurſt, the 8 at Northampton, Clitheral in La[illegible] ſhire, Huntington, Leiceſter, at Malpas in Cheſhire: the [illegible] at Canterbury, Salisbury.

THere is lately publiſhed *Theſaurus Linguæ Sanctæ Reſeratus*, &c. being a Concordantial *Hebrew Lexicon*, or *Dictionary*; in which all the *Hebrew Lexicons* are ſuccinctly comprehended, and the whole *Hebrew Concordance* of every Word of the *Hebrew* [illegible] grammatically reſolved, &c.

A Full, Large, and General *Phraſe-Book*; Comprehending, what-ſoever is Neceſſary, and moſt Uſefull, in all other *Phraſeological-Books*, (hitherto, here, publiſhed;) and Methodically Digeſted; for the more ſpeedy and Proſperous Progreſs of Students in their Humanity Studies. Both Publiſhed by *William Robertſon*, A. M. and ſold at the Bible on *Ludgate-hill*, LONDON.

FINIS.